Index of Claims

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|-----|------|------|-----|
| App | ııca | tion | NO. |

Thanh S Phan

09/650,566

Applicant(s)

CHAKRAVORTY ET AL. Art Unit

Examiner

2841

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

Appeal Α О Objected

|               |                            |                |          |   |           | _        |   |        |           |           |           |           | _        |                |              |
|---------------|----------------------------|----------------|----------|---|-----------|----------|---|--------|-----------|-----------|-----------|-----------|----------|----------------|--------------|
| CI            | aim                        | Date           |          |   |           |          |   |        |           |           |           |           |          |                |              |
| Final         | Original                   | 4/40/04        |          |   | 1         |          |   |        |           |           |           |           |          |                |              |
|               | 1                          | #=             | :        |   | ┢         | 7        |   | 1      | _         | +         | +         | -         | +-       | +              | -            |
|               | 1<br>2<br>3<br>4<br>5      | 1=             | 1        | _ | T         | T        | _ | †      |           | $\dagger$ | 7         |           | ╁        | +              |              |
|               | 3                          | Ι=             | T        |   | Г         | 7        |   | 1      |           | $\top$    | 7         |           | 1        | 1              | _            |
|               | 4                          | _=             |          |   |           |          |   | T      | _         | Ì.        | Ī         |           | T        | T              | _            |
|               | 5                          | =              | 1        |   |           |          |   | Ι      |           | L         | Ī         |           |          | Ι              |              |
|               | 6<br>7                     | _=             | ╙        |   |           |          |   |        |           |           | I         |           |          |                |              |
| _             |                            | <b> =</b>      | 1        |   | L         | 1        |   | 1      |           | ┖         | 1         |           | L        | 1              |              |
|               | 8                          | <del> </del> = | +        |   | ļ.        | 4        |   | 4      |           | ╀         | 4         | _         | ↓_       | 4              |              |
|               | 9<br>10                    | =              | +        | - | L         | +        |   | +      |           | ╀         | +         |           | ├-       | $\downarrow$   |              |
| _             | 11                         | +=             | +-       | - | -         | +        | _ | +      |           | H         | +         |           | ╀        | +              | _            |
|               | 12                         | +              | +        | - |           | +        |   | $^{+}$ |           | +-        | +         |           | $\vdash$ | ╁              | _            |
|               | 13                         | +-             | 十        |   | $\vdash$  | †        |   | t      |           | ╁╴        | $\dagger$ | -         | ┢        | +              | ٦            |
|               | 11<br>12<br>13<br>14<br>15 | 1              | T        | 7 |           | 1        | _ | t      |           | <u> </u>  | Ť         |           | H        | +              | 7            |
|               | 15                         | 1              | 1        |   | _         | 1        |   | †      |           | T         | T         |           | T        | †              | ┪            |
|               | 16                         |                |          |   |           | Ī        |   | T      |           |           | Ť         |           |          | T              | ٦            |
|               | 17<br>18                   |                |          |   | _         | Ι        |   | Ι      |           |           | T         |           |          | T              |              |
|               | 18                         | ↓_             | ↓_       | _ |           | 1        |   | Ţ      |           | L         | I         |           |          | I.             |              |
|               | 19                         | ↓_             | L        | 4 | _         | 1        |   | L      | _         |           | 1         |           | L        | L              | ╛            |
|               | 20                         | -              | ╀        | 4 | _         | 4        | _ | Ļ      | _         |           | 1         |           | _        | $\perp$        | ┙            |
|               | 21                         | <del> </del>   | ╀        | 4 |           | +        | _ | ╀      |           | _         | ╀         |           | <u> </u> | $\perp$        | _            |
|               | 22<br>23<br>24<br>25<br>26 | ╀              | $\vdash$ | + | _         | +        | _ | ╀      |           |           | +         |           |          | ╀              | -            |
|               | 24                         | +              | +-       | + | _         | +        |   | ╁      | _         | Ŀ         | ╁         | _         | ┝        | +-             | 4            |
|               | 25                         | $\vdash$       | ┢        | + | _         | ╁        |   | †-     |           | -         | $^{+}$    | _         | H        | ╁              | ┨            |
|               | 26                         |                | 1-       | † |           | t        |   | t      | _         | -         | t         | -         |          | ╁              | ┨            |
|               | 27                         |                | T        | 1 |           | t        |   | t      |           |           | t         | _         | -        | ╁              | ┪            |
|               | 28                         | =              |          | Ť |           | T        |   | T      |           |           | T         |           |          | †-             | ┪            |
|               | 29                         | =              |          | Ī |           | T        |   |        |           |           | T         |           |          | Ť              | 7            |
|               | 30                         | =              |          | 1 |           |          | _ | L      |           |           | L         |           |          | L              |              |
|               | 31                         | =              | L        | 1 |           | ļ        | _ | L      |           |           | L         |           |          | L              | ]            |
|               | 32                         | =              | L.       | 4 |           | Ļ        |   | L      | 4         |           | -         | 4         | _        | L              | ↲            |
|               | 33<br>34                   | =              |          | + |           | ╀        |   | -      | 4         |           | Ļ         | 4         |          | L              | 4            |
|               | 35                         | H              | ┢        | + |           | ╀        |   | -      | $\dashv$  |           | ┝         | 4         | _        | Ͱ              | -            |
|               | 36                         | ┝ <u></u>      | -        | + | -         | H        | - | H      | +         |           | ├         | 1         |          | <del> </del> − | ┨            |
| _             | 37                         | =              | 1        | † | _         | †        |   | -      | +         | _         | t         | +         |          | $\vdash$       | $\forall$    |
|               | 38                         | =              | -        | t |           | T        | - | Н      | +         | _         | T         | 7         | _        | 1-             | 1            |
|               | 39                         | Ξ              |          | I |           | ľ        |   |        | _         | _         | Ī         | 1         |          |                | 1            |
|               | 40                         | =              |          | I |           |          |   |        |           |           |           | I         |          |                | ]            |
|               | 41                         | =              |          | 1 |           | L        |   |        | $\int$    |           | Ĺ         | J         |          |                | ]            |
|               | 42                         | =              | ļ.,      | L | _         | _        | 4 | _      | 4         |           |           | 1         |          | _              |              |
| $\dashv$      | 43                         | =              |          | 1 |           | $\vdash$ | 4 | _      | 4         | _         | L         | 4         |          | -              | 4            |
|               | 44<br>45                   | -              |          | ╀ | -         | $\vdash$ | 4 |        | +         | _         | -         | +         | -        | <u> </u>       | 1            |
| $\rightarrow$ | 45<br>46                   | =              |          | ╀ | _         | $\vdash$ | 4 |        | +         | _         | <u> </u>  | +         |          | _              | -            |
| $\dashv$      | 47                         | _              | _        | + | $\dashv$  | H        | 4 |        | +         | -         | <u> </u>  | +         | -        | _              | $\mathbf{I}$ |
| $\dashv$      | 48                         | =              |          | t | $\dashv$  | -        | + |        | +         |           |           | +         |          |                | 1            |
|               | 49                         | =              |          | H | 7         | $\vdash$ | 7 |        | $\dagger$ | $\dashv$  | -         | $\dagger$ |          | _              | 1            |
|               | 50                         | =              |          | T | $\exists$ |          | 7 | -      | †         |           | _         | †         |          |                | 1            |
|               |                            |                | _        | _ | _         |          | _ |        |           |           |           | _         |          | _              | -            |

| Го        | laim                | Т        |          |                |                | _        | at        |                         |              |           |  |
|-----------|---------------------|----------|----------|----------------|----------------|----------|-----------|-------------------------|--------------|-----------|--|
| 1         |                     | +        | Т        | -т             | Т              | Ť        | at        | Ϊ                       | Τ            | Т-        | $\overline{}$                                    |
| _         | Original            |          |          |                |                | ı        |           | l                       |              |           | 1  |
| Final     | <u> </u>   <u> </u> |          | 1        |                | -              | 1        |           |                         | i            |           |  |
| ш         | 0.5                 |          |          | 1              |                | -        |           |                         |              |           |  |
|           |                     | ┸        | ┸        |                | $\perp$        |          |           |                         |              |           |  |
| L_        | 51                  |          |          |                |                | Τ        |           |                         |              |           | Т  |
|           | 52                  |          | Ţ        | Γ              | Т              | Ţ        |           |                         | Г            | T         | T  |
|           | 53                  | Т        | Т        | Т              | T.             | T        |           |                         |              |           | 7  |
|           | 53<br>54<br>55      | 1        | T        | 1              | 1              | T        |           |                         | ┢            | $\vdash$  | $^{+}$   |
|           | 55                  | 1        | 1        | +              | 十              | Ť        | _         |                         | T            | l         | +  |
|           | 56                  | 1-       | †-       | +-             | 十              | $^{+}$   |           |                         | ┢┈           | +         | ╁  |
| $\vdash$  | 57                  | 1        | +-       | +              | +              | +        | -         | _                       | -            | H         | ╁  |
| <b>——</b> | 58                  | $\vdash$ | +        | ╅              | +              | +        | $\exists$ | _                       | ├            | ┢         | +  |
|           | 58<br>59            | +        | +-       | ╁              | ┿              | +        | $\dashv$  |                         | ┝            | Ͱ         | ╁  |
| $\vdash$  | 60                  | +        | ╁        | +              | +              | +        | $\dashv$  |                         | ⊢            | ⊢         | ╁  |
|           | 61                  | +        | ╁        | ╅╴             | +              | +        | $\dashv$  | _                       | -            | ⊢         | +-   |
| -         | 61<br>62            | ╀        | +        | +              | +              | +        | -         |                         | <u> </u>     | _         | ╀  |
| <u> </u>  | 62                  | ╁        | ╁        | +-             | +              | +        | 4         |                         |              | L         | +  |
| -         | 63                  | ╀        | +-       | +-             | +              | +        |           |                         |              | ┡         | ↓_   |
|           | 63<br>64<br>65      | ├-       | ╀        | 1              | +              | $\perp$  | _         |                         |              | <u> </u>  | 1_   |
| <u> </u>  | 65                  | <u> </u> | <u> </u> | 4_             | 4              | 4-       | _         |                         |              |           | $\perp$  |
|           | 66                  | Ļ        | ↓_       | 1_             | 4_             | 4        | 4         |                         |              | <u> </u>  | L  |
| <u> </u>  | 67                  | L        | $\perp$  |                | $\perp$        | l        | _         | _                       |              |           |  |
| L         | 68                  | <u> </u> | ╙        | 1_             | 4              | 1.       |           |                         |              | L.        |  |
|           | 69                  |          | _        |                | 1              | $\perp$  |           |                         |              | L         |  |
| L         | 70                  |          |          | 1_             |                |          |           |                         |              |           | П  |
|           | 71                  |          |          | $\perp$        |                |          |           |                         |              |           | Г  |
|           | 72                  |          | Γ        |                | T              | T        | T         |                         |              |           | $\top$   |
|           | 71<br>72<br>73      |          |          | Т              | T              |          | 7         |                         |              |           | Ì  |
|           | 74<br>75            |          | Γ        | $\top$         | T              | T        | 1         |                         |              | _         | 1  |
|           | 75                  | _        |          | Т              | T              | T        | 7         | 7                       |              |           | $\vdash$   |
|           | 76                  |          |          | T              | T              | T        | 7         | $\neg$                  | ヿ            |           | $\vdash$   |
|           | 77                  |          |          | 1              | $\top$         | T        | 7         | T                       | _            |           | <del>                                     </del> |
|           | 78                  |          |          | 1              |                | +        | 1         | 7                       | ┪            |           | +  |
|           | 79                  | _        |          | $\vdash$       | +              | $^{+}$   | 7         | 寸                       | $\dashv$     | _         | +-   |
|           | 80                  |          | -        | ╁              | +              | ╁        | +         | +                       | -            | _         | ├-   |
|           | 81                  |          | ┢        | 1-             | +-             | ╁╌       | +         | $\dashv$                |              | _         | ├  |
|           | 82                  | _        | -        | -              | +-             | +        | +         | $\dashv$                | $\dashv$     |           | $\vdash$   |
|           | 83                  | _        | <u> </u> | ╁╴             | -              | ╁        | +         |                         |              |           | $\vdash$   |
|           | 84                  |          | -        | ┝              | ╁┈             | ╀        | +         | -+                      | -            |           | <u> </u>   |
| -         | 85                  |          | _        | ├-             | ⊢              | ╀        | +         | -                       | _            |           | -  |
|           | 86                  | _        | <u> </u> | ├              | ⊢              | ╀        | +         | 4                       | $\dashv$     |           | -  |
|           |                     |          |          | ├-             | <del> </del>   | ╀        | +         | $\dashv$                | $\dashv$     | _         | ļ  |
|           | 87<br>88            |          | _        | <del> </del> — | <del> </del> — | ┼-       | +         | +                       |              |           | L  |
|           | -00                 | $\dashv$ |          | -              | ļ.             | ⊬        | 4         | +                       | 4            |           | ļ.,  |
|           | 89                  | -        |          | ├              | -              | ┡        | +         |                         | -            |           |  |
|           | 90                  | 4        |          | _              | <u> </u>       | L        | 4         | 4                       | 4            |           |  |
|           | 91                  | _        |          |                | <u> </u>       | L        | 1         | _                       | 4            | _         |  |
|           | 92                  | _        | _        | <u> </u>       | 1              | L        | +         | $\perp$                 | _            | _         |  |
|           | 93                  | $\dashv$ |          | <u> </u>       | ļ              | <u> </u> | 4         | 4                       | _            |           |  |
|           | 94                  |          |          |                | <u> </u>       | L        | $\perp$   | $\perp$                 | 1            |           | ]  |
|           | 95                  | _        |          |                |                | L        | L         | $\perp$                 | $oxed{\int}$ |           |  |
|           | 96                  |          |          |                |                |          | Γ         | $oldsymbol{\mathbb{I}}$ | Ţ            |           |  |
|           | 97                  |          |          |                | L              |          | Ι         | T                       | Т            |           |  |
|           | 98                  |          |          |                |                |          | Τ         | T                       | T            |           | $\neg$   |
| I         | 99                  |          | ╗        |                |                |          | Τ         | $\top$                  | T            | $\exists$ | ヿ  |
|           | 100                 |          |          |                |                |          | T         | $\top$                  | $\top$       | 7         |  |
|           |                     |          | _        |                |                | щ.       | _         |                         |              | 1         |  |

| С           | laim              | 1            | Date     |           |              |              |                |            |  |                 |  |
|-------------|-------------------|--------------|----------|-----------|--------------|--------------|----------------|------------|--|-----------------|--|
| Final       | Original          |              |          |           |              |              | Ī              |            |  |                 |  |
| L.          | ō                 |              |          |           |              |              |                |            |  |                 |  |
|             | 101<br>102        | L            | L        |           | T            |              | $\downarrow$   | 1          |  |                 |  |
|             | 102               | $\perp$      | 1_       |           | 4            | $\perp$      |                |            |  |                 |  |
| <u> </u>    | 103               | ┸            | L        | $\perp$   | $\perp$      | $\bot$       |                | _          |  |                 |  |
| <u> </u>    | 104<br>105        | ┝            | ╄        | +         |              | <u> </u>     | 4              | _          | $\perp$  | <u> </u>        |  |
| ├           | 105               | ╁            | ╀        | +         | - -          | 4            | ļ_             |            | $\bot$   | _               |  |
| ļ           | 106<br>107        | ╄            | ⊦        | +         | - -          | +            | -              | +          | 4_   | $\sqcup$        |  |
| <u> </u>    | 107               | ╁╌           | ╀╴       | ╁         | +            | +            | +              | +          | +-   | $\vdash$        |  |
| <del></del> | 100               | +-           | ╁        | +         | +            | +            | +              | +          | +  | $\vdash$        |  |
| -           | 109<br>110        | 十            | H        | ╁         | +            | ╁            |                | ╁          | +  | H               |  |
|             | 1111              | 1            | ┢        | +         | +-           | +-           | +-             | +          | +-   | ╁┪              |  |
|             | 112<br>113        | $\vdash$     | T        | $\dagger$ | $\top$       | $^{\dagger}$ | +              | -          | 十  | $\vdash \vdash$ |  |
|             | 113               |              | Ι-       | T         | $\top$       | †            | †              | $\top$     | †  | $\vdash$        |  |
|             | 114<br>115        |              |          | Т         | ┪            |              | $\top$         | $\top$     | +  | H               |  |
|             | 115               |              |          | L         |              | T            | I              | 1          | Ī  | П               |  |
|             | 116               | <u>_</u>     |          | L         |              | L            | $oxed{oxed}$   |            |  |                 |  |
|             | 117               | _            |          | $\perp$   | 1            | L            | Ι              |            |  |                 |  |
|             | 118               | L_           | <u>L</u> | $\perp$   | $\perp$      | L.           |                | L          |  |                 |  |
|             | 119               | L.           | Ь.       | ╄         | ┸            | ┸            | $\perp$        | $\perp$    | ┸  | L.              |  |
|             | 120<br>121        | <u> </u>     | _        | ╄         | ╄            | $\bot$       | _              | -          | <u> </u>   | Ш               |  |
|             | 121               | <u> </u>     | -        | ╀         | +            | +-           | -              | 1          | 1  | Н               |  |
|             | 122               | H            | _        | ╀         | +            | +-           | +              |            | <b>-</b>   | Н               |  |
|             | 123<br>124        |              | -        | ╁         | ╫┈           | ╀            | +-             | +-         | ┼  | Н               |  |
|             | 125               | -            | _        | +         | ╁            | ╁            | +              | ╁          | ╁  | H               |  |
| _           | 126               |              | _        | ╁         | †-           | $\dagger$    | †-             | +-         | †  | Н               |  |
|             | 125<br>126<br>127 |              | _        | T         | †-           | ┢            | T              | +-         | <del>                                     </del> | Н               |  |
|             | 128               |              |          | T         | 1            | -            | T              | $\top$     | <b>†</b>   |                 |  |
|             | 128<br>129        |              |          |           |              | Γ            |                |            |  |                 |  |
|             | 130               |              |          |           | L            |              | L              |            |  |                 |  |
|             | 131               |              |          | ot        | L            | L            | $\perp$        | L          |  |                 |  |
|             | 132               | ļ            |          | L         | L            | ļ_           | ╀.             | $\perp$    |  | Ш               |  |
| _           | 133               | -            | _        | ▙         | -            | _            | 4_             | 4_         | Ш  | $\Box$          |  |
|             | 134<br>135        | 4            | _        | -         | ┼            | <del> </del> | 1              | ┼          |  |                 |  |
|             | 136               | _            |          |           | ╀╌           | ┝            | ╀              | ⊬          | H  | -1              |  |
|             | 137               | $\dashv$     |          | ١.        | ╁            | ┝            | ┢              | ⊢          | $\vdash$   | $\dashv$        |  |
|             | 138               | _            | _        |           | ✝            | <del> </del> | ╁              | +-         |  | $\dashv$        |  |
|             | 139               |              | _        |           | 1            | ┢            | t              | t          |  | $\dashv$        |  |
|             | 140               |              |          |           |              | Г            |                | 1          | H  | ┪               |  |
|             | 141               |              |          |           |              |              | T              |            | П  |                 |  |
| $\Box$      | 142               | $\Box$       |          |           |              |              |                |            |  |                 |  |
|             | 143               | _            |          | L_        | L            | L            | <u> </u>       |            | Ш  | _]              |  |
| $\dashv$    | 144               | _ļ           |          | _         | <u> </u>     | L            | <u> </u>       | L.         |  | _               |  |
|             | 145               | $\dashv$     |          |           | $\vdash$     | <u> </u>     | <u> </u>       | _          | $\sqcup$   | $\dashv$        |  |
| -           | 146               |              |          |           | <del> </del> | L            | <b>├</b> _     | <b> </b> _ | $\vdash \downarrow$                              | _               |  |
| $\dashv$    | 147<br>148        | <del>-</del> | $\dashv$ | _         | <del> </del> | -            | <del> </del>   | <u> </u>   | $\vdash$   | $\dashv$        |  |
| -+          | 149               | $\dashv$     | -        |           | -            |              | -              | $\vdash$   | $\vdash$   | 4               |  |
| $\dashv$    | 150               | $\dashv$     | $\dashv$ |           | <u> </u>     | -            | <del>  -</del> | $\vdash$   | $\vdash \downarrow$                              | $\dashv$        |  |
|             |                   |              |          |           |              |              |                |            | _ 1  | - 1             |  |